

**In the Claims:**

1-17. Cancelled.

18. (Withdrawn-Currently Amended) A method comprising:

receiving, from a remote device, a trading order that comprises a total quantity of a trading product that is desired by an user and a price of the trading product that is desired by the user;

comparing, via a processor, the trading order with a plurality of trading orders that are stored in a database, in which the processor and the remote device are in communication over a network;

matching, via the processor in accordance to a priority schedule, a first quantity of the trading order with at least one of the plurality of trading orders;

determining, via the processor in response to the matching, a remaining quantity of the trading product; and

determining via the processor that a market center is able to fill the remaining quantity at the price desired by the user;

determining via the processor that the market center has not exceeded a pre-determined maximum number of pending transactions; and

routing the remaining quantity to [[a]] the market center.

19. (Withdrawn) The method of claim 18, in which the plurality of trading orders were previously received.

20. (Withdrawn) The method of claim 18, in which the remaining quantity is based on deducting the first quantity from the total quantity of the desired trading product.

21. Cancelled.

22. (Withdrawn-Currently Amended) The method of claim 18 further comprising:

transmitting an indication to the user that the first quantity of the trading product has been filled.

23. (Withdrawn) The method of claim 18 further comprising:  
removing the at least one of the plurality of trading orders from the database.
24. (Withdrawn) The method of claim 18 in which the act of matching, in accordance to the priority schedule, further comprises:  
determining, for each of the plurality of trading orders, a quantity of the trading product that is being offered  
prioritizing each of the plurality of trading orders in accordance to the quantity;  
and  
determining that the quantity offered by the at least one of the plurality of trading orders most closely matches the total quantity of the trading product desired by the user.
25. (Withdrawn) The method of claim 18, in which the act of routing the remaining quantity to the market center further comprises:  
applying a quantity multiplier to a quantity of the trading product that is offered by the market center.
26. (Withdrawn) The method of claim 18, in which the act of matching, in accordance to the priority schedule, further comprises:  
determining, for each of the plurality of trading orders, a price at which the trading product is being offered;  
prioritizing each of the plurality of trading orders in accordance to the price; and  
determining that the price offered by the at least one of the plurality of trading orders most closely matches the price of the trading product desired by the user.
27. (Withdrawn) The method of claim 18, in which the act of matching, in accordance to the priority schedule, further comprises:  
determining, for each of the plurality of trading orders, an identity of a trader; and

prioritizing, based on the identity of the trader, the at least one of the plurality of trading orders in advance of any other of the plurality of trading orders.

28. (Withdrawn-Currently Amended) The method of claim 18, in which the act of matching, in accordance to the priority schedule, further comprises:

determining that both a trader and [[a]] the market center offer a match with the trading order; and

prioritizing the trader in advance of the market center.

29-68. Cancelled.

69. (Currently Amended) An apparatus comprising:

a processor; and

a memory, in which the memory stores instructions which, when executed by the processor, direct the processor to perform:

receiving a trading order that comprises a total quantity of a trading product that is desired by an user and a price of the trading product that is desired by the user;

comparing the trading order with a plurality of trading orders that are stored in a database;

matching, in accordance to a priority schedule, a first quantity of the trading order with at least one of the plurality of trading orders;

determining, in response to the matching, a remaining quantity of the trading product;

determining that a market center is able to fill the remaining quantity at the price desired by the user;

determining that the market center has not exceeded a pre-determined maximum number of pending transactions; and

routing the remaining quantity to [[a]] the market center.

70. (Previously Presented) The apparatus of claim 69, in which the plurality of trading orders were previously received.

71. (Previously Presented) The apparatus of claim 69, in which the remaining quantity is based on deducting the first quantity from the total quantity of the desired trading product.

72. Cancelled.

73. (Previously Presented) The apparatus of claim 69, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform:

determining that the market center is able to fill the remaining quantity at the price desired by the user.

74. (Previously Presented) The apparatus of claim 69, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform:

transmitting an indication to the user that the first quantity of the trading product has been filled.

75. (Previously Presented) The apparatus of claim 69, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform:

removing the at least one of the plurality of trading orders from the database.

76. (Previously Presented) The apparatus of claim 69, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform:

determining a quantity of the trading product that is offered by each of the plurality of trading orders;

prioritizing each of the plurality of trading orders in accordance to the quantity;  
and  
determining that the quantity offered by the at least one of the plurality of trading orders most closely matches the quantity of the trading product desired by the user.

77. (Previously Presented) The apparatus of claim 69, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform:

determining a price at which the trading product is being offered by each of the plurality of trading orders;  
prioritizing each of the plurality of trading orders in accordance to the price; and  
determining that the price offered by the at least one of the plurality of trading orders most closely matches the price of the trading product desired by the user.

78. (Previously Presented) The apparatus of claim 69, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform:

determining an identity of a trader for each of the plurality of trading orders; and  
prioritizing, based on the identity of the trader, the at least one of the plurality of trading orders in advance of any other of the plurality of trading orders.

79. (Currently Amended) The apparatus of claim 69, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform:

determining that both a trader and [[a]] the market center offer a match with the trading order; and  
prioritizing the trader in advance of the market center.

80-85. Cancelled.

86. (Withdrawn) An article of manufacture comprising:

a storage medium, in which the storage medium stores instructions which, when executed by a processor, direct the processor to perform the method of claim 18.

87. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 19.

88. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 20.

89. Cancelled.

90. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 22.

91. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 23.

92. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 24.

93. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 25.

94. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 26.

95. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 27.

96. (Withdrawn) The article of claim 86, in which the storage medium stores instructions which, when executed by the processor, direct the processor to perform the method of claim 28.

97-119. Cancelled.

120. (Currently Amended) A method comprising:

receiving, from a remote device, a trading order that comprises a total quantity of a trading product that is desired by an user and a price of the trading product that is desired by the user;

comparing, via a processor, the trading order with a plurality of trading orders that are stored in a database, in which the processor and the remote device are in communication over a network;

matching, via the processor in accordance to a priority schedule, a first quantity of the trading order with at least one of the plurality of trading orders;

determining, via the processor in response to the matching, that a first market center is able to fill the remaining quantity at the price desired by the user.

determining via the processor that the first market center has exceeded a pre-determined maximum number of pending transactions; and

routing via the processor the remaining quantity to a second market center.

121. (Previously Presented) The method of claim 120, in which the plurality of trading orders were previously received.

122. (Previously Presented) The method of claim 120, in which the remaining quantity is based on deducting the first quantity from the total quantity of the desired trading product.
123. (Currently Amended) The method of claim 120 further comprising:  
determining that the second market center is able to fill the remaining quantity at the price desired by the user.
124. (Previously Presented) The method of claim 120 further comprising:  
transmitting an indication to the user that the first quantity of the trading product has been filled.
125. (Previously Presented) The method of claim 120 further comprising:  
removing the at least one of the plurality of trading orders from the database.
126. (Previously Presented) The method of claim 120, in which the act of matching, in accordance to the priority schedule, further comprises:  
determining, for each of the plurality of trading orders, a quantity of the trading product that is being offered;  
prioritizing each of the plurality of trading orders in accordance to the quantity;  
and  
determining that the quantity offered by the at least one of the plurality of trading orders most closely matches the total quantity of the trading product desired by the user.
127. (Currently Amended) The method of claim 120, in which the act of routing the remaining quantity to the second market center further comprises:  
applying a quantity multiplier to a quantity of the trading product that is offered by the second market center.



128. (Currently Amended) The method of claim 120, in which the act of matching, in accordance to the priority schedule, further comprises:

- determining, for each of the plurality of trading orders, a price at which the trading product is being offered; ~~the difference between the bid quantity of the trading order and the market center quantity.~~

- prioritizing each of the plurality of trading orders in accordance to the price; and
- determining that the price offered by the at least one of the plurality of trading orders most closely matches the price of the trading product desired by the user.

129. (Previously Presented) The method of claim 120, in which the act of matching, in accordance to the priority schedule, further comprises:

- determining, for each of the plurality of trading orders, an identity of a trader; and
- prioritizing, based on the identity of the trader, the at least one of the plurality of trading orders in advance of any other of the plurality of trading orders.

130. (Currently Amended) The method of claim 120, in which the act of matching, in accordance to the priority schedule, further comprises:

- determining that both a trader and [[a]] the second market center offer a match with the trading order; and
- prioritizing the trader in advance of the second market center.

131. (Previously Presented) An apparatus comprising:

- a processor; and
- a memory, in which the memory stores instructions which, when executed by the processor, direct the processor to perform the method of claim 120.

132. (Previously Presented) The apparatus of claim 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 121.

133. (Currently Amended) The apparatus of claim ~~432~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 122.

134. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 123.

135. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 124.

136. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 125.

137. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 126.

138. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 127.

139. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 128.

140. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 129.

141. (Currently Amended) The apparatus of claim ~~433~~ 131, in which the memory further stores instructions which, when executed by the processor, direct the processor to perform the method of claim 130.